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MONTANA STATE HIGHWAY DEPARTMENT

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PUBLIC ROADS ADMINISTRATION

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PROPOSED REVISION OF FEDERAL AID AND

FEDERAL AID SECONDARY PROCEDURE

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MONTANA STATE HIGHWAY DEPARTMENT
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PUBLIC ROADS ADMINISTRATION

PROPOSED REVISION OF FEDERAL AID AND
FEDERAL AID SECONDARY PROCEDURE

October 6, 1948

It has been recognized for many years that the present method of designating Federal Aid Routes, projects, etc., is radically out of date and is becoming more confusing as time goes on. In order to overcome this condition it has been suggested by the Washington office of the Public Roads Administration that a new system of route numbering and project designation be inaugurated. Consequently, after several conferences between State Highway and Public Roads officials, a revised procedure has been developed.

It should be stated further that several other states, recognizing the deficiency in the present system, have already adopted a similar plan, which Washington hopes will sooner or later be adopted by all states. Furthermore, those states which have adopted this revised plan have reported complete satisfaction with the change.

Under the proposed plan, numbering of routes starts at the west and progresses to the east. The Inter-State System was assigned the numbers 1 to 9, only 1 to 3 being used at the present time, 4 to 9 being reserved for possible future expansion. The Federal Aid Primary System routes were assigned the numbers 10 to 59, starting at the west of the State and progressing to the east. In each group of ten numbers the first seven were used and the last three were reserved for future expansion, i.e., 10, 11, 12, 13, 14, 15, and 16 were assigned to routes, and 17, 18, and 19 were unassigned. In this way we can add routes to the system and still know its geographical location by the size of the route number.

The State feels that this system will be far more workable and easier

to find a route than the universal numbering system that was previously reviewed.

These routes are then divided into long projects averaging seventy-four miles in length. The route sections were terminated so as to eliminate the maximum number of Federal Aid project splits; consequently, incorporated cities and junctions of main routes were given preference over county lines because of the many projects ending at these points. Detailed descriptions of the projects will be furnished at a later date.

These route sections are then, for State administrative purposes, divided into control or maintenance sections averaging about fourteen miles in length. The new control sections will follow the route sections in order in all cases, and the mileage in municipalities of five thousand and over will be given a designated control section. If and when the Urban System is approved these numbers will then automatically be designated on the Urban System. It is felt that these additional numbers at the present time will prove themselves more valuable under the proposed Urban System. The State is not submitting maps at this time showing the new control sections, but will follow as soon as the control sections have been studied by the State office and field personnel.

The four digit number code for identifying Federal Aid projects and Inter-State projects is the same as previously used and discussed, and as shown on the project maps submitted. Complete codes will be submitted as the work progresses to the final state of completion. In the Federal Aid Code, 8 in the first digit indicates Inter-State System; 9 in the first digit indicates Federal Aid Primary System; second and third digits indicate route number; fourth digit indicates route section number.

At this time no maps are being submitted for the Secondary System, but they will follow as work progresses and as the maps and control sections are designated and set up.

The four digit number code for identifying Federal Aid Secondary projects is as follows:

The first two digits (01 to 59) indicate the county in which the Federal Aid Secondary route is located. The last two digits indicate the route number. This numbering system provides 99 routes within each county.

EXAMPLE: 5104 would be Federal Aid Secondary Route 4 in Toole County.

Included in this report are data on all old project numbers and routes correlated to the new proposed project numbers and routes, including a list showing number and project section splits as proposed for the redesignation of project numbers on the primary system only. Also a tabulation giving the proposed mileage within and outside of reservations, in relation to permissable 7% mileage.

We propose, if possible, to place the new procedure in effect January 1, 1949, and in order to accomplish this it will be necessary to receive approval of the attached route and project maps and accompanying numbers and descriptions at the earliest practicable date.

MONTANA

PROPOSED FEDERAL AID ROUTE DESCRIPTIONS

Revised October 6, 1948

Route No. 1

From the Idaho-Montana State Line at Lookout Pass via Missoula, Butte, Bozeman, Billings, Miles City, Glendive, and Wibaux to the Montana-North Dakota State Line, with the Harrison Avenue Spur beginning at a point on Interstate Route No. 1 west of Butte and extending via the Brewery By-pass, Front Street and Harrison Avenue to another point on Interstate Route No. 1 south of Butte; and with the Utah Avenue Spur beginning at a point on Front Street and extending northerly via Utah and Arizona Avenues to a point on Interstate Route No. 2 in Butte; and with the Billings Spur beginning at a point on Interstate Route No. 1 west of the city limits of Billings and extending easterly south of the Northern Pacific Railway to another point on Interstate Route No. 1 north of the railroad near the east city limits of Billings.

Route No. 2

From the Idaho-Montana State Line at Monida Pass via Monida and Dillon to a point on Interstate Route No. 2 west of Butte, and from another point on Interstate Route No. 2 in Butte via Helena, Great Falls and Shelby, to the Canadian International Boundary at Sweetgrass.

Route No. 3

From the Wyoming-Montana State Line via Wyola and Hardin to a point on Interstate Route No. 2 near Billings.

Route No. 10

From the Idaho-Montana State Line, via Troy, Kalispell and Glacier Park to a point on Federal Aid Route No. 24 south of Browning thence to a point on Interstate Route No. 2 in Shelby, and from another point on Federal Aid Route No. 2 in Shelby via Havre and Culbertson to the Montana-North Dakota State Line, with the Belton Spur beginning at a point on Federal Aid Route No. 10 in Belton and extending northerly to the south boundary of Glacier National Park, and with the Browning Spur beginning at a point on Federal Aid Route No. 10 west of Browning and extending northerly to a point on Federal Aid Route No. 24 west of Browning.

Route No. 11

From the Idaho-Montana State Line via Trout Creek and Plains to a point on Federal Aid Route No. 14 in Ravalli.

Route No. 12

From a point on Federal Aid Route No. 10 in Libby via Rexford to a point on Federal Aid Route No. 14 north of Eureka.

Route No. 13.

From a point on Federal Aid Route No. 11 near Plains to a point on Federal Aid Route No. 14 near Elmo and with the Hot Springs Spur beginning at a point on Federal Aid Route No. 13 and extending westerly to Hot Springs.

Route No. 14

From the Idaho-Montana State Line at Gibbons Pass, via Hamilton, to

Route No. 14 (cont'd)

a point on Interstate Route No. 1 in Missoula, and from another point on Interstate Route No. 1 northwest of Missoula via Ravalli, Kalispell and Eureka, to the Canadian International Boundary, and with the Whitefish-Columbia Falls Spur beginning at a point on Federal Aid Route No. 14 south of Whitefish and extending to a point on Federal Aid Route No. 10 east of Columbia Falls.

Route No. 15

From a point on Interstate Route No. 1 at Bonner, via Lincoln and Simms to a point on Interstate Route No. 2 at Vaughn, and from another point on Interstate Route No. 2 in Great Falls via Lewistown and Circle, to a point on Interstate Route No. 1 west of Glendive, and from another point on Interstate Route No. 1 near Glendive northeasterly via Fairview to the Montana-North Dakota State Line, with the Sidney State Line Spur beginning at a point on Federal Aid Route No. 15 south of Sidney and extending easterly to the Montana-North Dakota State Line, and with the Lewistown Spur beginning at a point on Federal Aid Route No. 15 and extending easterly to a point on Federal Aid Route No. 43 in Lewistown.

*Route No. 16

From a point on Federal Aid Route No. 14 south of Hamilton, via Skalkaho Pass to a point on Federal Aid Route No. 21 south of Philipsburg.

Route No. 20

From the Idaho-Montana State Line at Gibbons Pass, via Wisdom to a point on Interstate Route No. 2 near Divide.

Route No. 21

From a point on Interstate Route No. 1 southeast of Anaconda via Anaconda and Philipsburg to a point on Interstate Route No. 1 in Drummond and with the Anaconda-Warm Springs Spur beginning at a point on Federal Aid Route No. 21 east of Anaconda and extending northeasterly to a point on Interstate Route No. 1 south of Warm Springs.

Route No. 22

From a point on Interstate Route No. 2 north of Dillon via Twin Bridges to a point on Interstate Route No. 1, west of Whitehall.

Route No. 23

From a point on Interstate Route No. 1 east of Garrison to a point on Interstate Route No. 2 in Helena, and from another point on Interstate Route No. 2 east of Helena to a point on Interstate Route No. 1 west of Three Forks.

Route No. 24

From a point on Federal Aid Route No. 15 near Sun River via Choteau to a point on Federal Aid Route No. 10, south of Browning and from another point on Federal Aid Route No. 10 south of Browning via Browning and Babb to the Canadian International Boundary Line, with the Babb-West Spur beginning at a point on Federal Aid Route No. 24 northwest of Babb via Kennedy Creek to the Canadian International Boundary Line and with the Glacier Park Spur beginning at a point on Federal Aid Route No. 24 in Kiowa southerly to a point on Federal Aid Route No. 10 in Glacier Park.

Route No. 25

From a point on Federal Aid Route No. 26 near Augusta, easterly to a point on Federal Aid Route No. 15 at Simms.

Route No. 26

From a point on Interstate Route No. 2 at Wolf Creek via Augusta to a point on Federal Aid Route No. 24 in Choteau.

Route No. 30

From a point on Federal Aid Route No. 22 in Twin Bridges, via Virginia City to a point on Federal Aid Route No. 31 in Ennis.

Route No. 31

From the Idaho-Montana State Line at Targhee Pass via West Yellowstone and Ennis, to a point on Interstate Route No. 1 near Sappington and with the West Yellowstone Spur beginning at a point on Federal Aid Route No. 31 in West Yellowstone and extending easterly to the Yellowstone Park Boundary.

Route No. 32

From a point on Federal Aid Route No. 31 north of West Yellowstone to the Yellowstone Park Boundary, and from another point on the Yellowstone National Park Boundary northerly to a point on Interstate Route No. 1 in Bozeman.

Route No. 33

From a point on Federal Aid Route No. 23 in Townsend, via White Sulphur Springs, Harlowton, and Roundup to a point on Interstate Route No. 1 in Forsyth.

Route No. 34

From a point on Federal Aid Route No. 15 in Great Falls, via Fort Benton and Big Sandy to a point on Federal Aid Route No. 10 west of Havre.

Route No. 35

From a point on Federal Aid Route No. 15 east of Great Falls, via Great Falls to a point on Federal Aid Route No. 34 north of Great Falls, with the Sun River Spur beginning at a point on Federal Aid Route No. 35, and extending westerly to a point on Interstate Route No. 2 west of Great Falls, and with the Park Drive Spur beginning at a point on Federal Aid Route No. 15 in Great Falls and extending northeasterly to a point on Federal Aid Route No. 35 in Great Falls.

Route No. 36

From the Yellowstone National Park Boundary in Gardiner to a point on Interstate Route No. 1 in Livingston, and from another point on Interstate Route No. 1 east of Livingston to a point on Federal Aid Route No. 33 south of White Sulphur Springs, and from another point on Federal Aid Route No. 33 northeast of White Sulphur Springs to a point on Federal Aid Route No. 15 south of Armington.

Route No. 40

From a point on Interstate Route No. 1 in Big Timber to a point on Federal Aid Route No. 33 west of Harlowton, and from another point on Federal Aid Route No. 33 east of Harlowton to a point on Federal Aid Route No. 15 west of Moore.

Route No. 50

From the Wyoming-Montana State Line southeast of Alzada, via Broadus to a point on Interstate Route No. 1 in Miles City, and from another point on Interstate Route No. 1 in Miles City to a point on Federal Aid Route No. 15 south of Jordan.

Route No. 51

From a point on Federal Aid Route No. 15 east of Van Norman via Fort Peck Dam to a point on Federal Aid Route No. 10 in Glasgow.

Route No. 52

From a point on Federal Aid Route No. 15 north of Circle, via Scobey and Flaxville to the Canadian International Boundary Line, with the Wolf Point Spur beginning at a point on Federal Aid Route No. 52 east of Wolf Point and extending westerly to a point on Federal Aid Route No. 10 in Wolf Point.

Route No. 53

From a point on Interstate Route No. 1 northeast of Miles City, via Baker to the Montana-North Dakota State Line.

Route No. 54

From a point on Federal Aid Route No. 52 in Flaxville via Plentywood to the Montana-North Dakota State Line at Westby.

Route No. 55

From a point on Federal Aid Route No. 15 in Sidney to a point on

Route No. 41

From a point within the Custer National Forest approximately nine miles southwest of Red Lodge via Red Lodge to a point on Federal Aid Route No. 42 in Rockvale.

Route No. 42

From the Wyoming-Montana State Line, via Bridger and Rockvale to a point on Interstate Route No. 1 in Laurel.

Route No. 43

From a point on Federal Aid Route No. 15 in Lewistown via Roy to a point on Federal Aid Route No. 44 east of Roy.

Route No. 44

From a point on Interstate Route No. 1 north of Billings to a point on Federal Aid Route No. 33 west of Roundup, and from another point on Federal Aid Route No. 33 in Roundup to a point on Federal Aid Route No. 15 north of Grass Range to a point on Federal Aid Route No. 10 west of Malta.

Route No. 45

From a point on Interstate Route No. 3 in Hardin to a point on Interstate Route No. 1 east of Custer.

Route No. 46

From a point on Interstate Route No. 3 south of Crow Agency via Lame Deer to a point on Federal Aid Route No. 50 north of Broadus.

Federal Aid Route No. 10 south of Culbertson, and from another point on Federal Aid Route No. 10 in Culbertson to a point on Federal Aid Route No. 54 east of Plentywood.

Route No. 56

From Ekalaka northerly via Baker to a point on Interstate Route No. 1 in Wibaux.

* The location or termini of this route have been changed.

Total number of routes - 38

M O N T A N A

LENGTH AND NUMBER
OF
PROPOSED INTER-STATE AND FEDERAL AID PRIMARY ROUTE PROJECTS

October 6, 1948

ROUTE	PROJECT NUMBER 1/	NET PROJECT ROUTE LENGTH		
		RURAL	MUNICIPAL OVER 5,000 Pop.	TOTAL
1	8011	98.9		98.9
	8012	113.8	2.5	116.3
	8013	73.3	8.1	81.4
	8014	89.8	4.6	94.4
	8015	81.2	4.9	86.1
	8016	103.4	.	103.4
	8017	46.8	1.3	48.1
	8018	73.7		73.7
	8019	38.7	.	38.7
	TOTAL	719.6	21.4	741.0
2	8021	65.7		65.7
	8022	58.9		58.9
	8023	63.5	1.0	64.5
	8024	89.8	4.7	94.5
	8025	58.7	1.5	60.2
	8026	61.5		61.5
	TOTAL	398.1	7.2	405.3
3	8031	105.4		105.4
	TOTAL	105.4		105.4
10	9101	83.1		83.1
	9102	57.0	1.1	58.1
	9103	87.9		87.9
	9104	55.1		55.1
	9105	101.6		101.6
	9106	90.4	1.5	91.9
	9107	121.6		121.6
	9108	78.2		78.2
	TOTAL	674.9	2.6	677.5
11	9111	117.1		117.1
	TOTAL	117.1		117.1
12	9121	64.2		64.2
	TOTAL	64.2		64.2
13	9131	48.8		48.8
	TOTAL	48.8		48.8

ROUTE	PROJECT NUMBER 1/	NET PROJECT ROUTE LENGTH		
		RURAL	MUNICIPAL OVER:	TOTAL
			5000 Pop.	
14	9141	93.2	1.3	94.5
	9142	113.2	1.2	114.4
	9143	83.3	0.4	83.7
TOTAL		289.7	2.9	292.6
15	9151	71.2		71.2
	9152	76.4		76.4
	9153	88.5	3.8	92.3
	9154	48.3	2.3	50.6
	9155	99.2		99.2
	9156	67.5		67.5
	9157	46.8		46.8
	9158	71.6		71.6
TOTAL		569.5	6.1	575.6
16	9161	54.1		54.1
TOTAL		54.1		54.1
20	9201	78.1		78.1
TOTAL		78.1		78.1
21	9211	70.5	2.2	72.7
TOTAL		70.5	2.2	72.7
22	9221	52.9		52.9
TOTAL		52.9		52.9
23	9231	42.0	1.6	43.6
	9232	64.2		64.2
TOTAL		106.2	1.6	107.8
24	9241	102.9		102.9
	9242	79.2		79.2
TOTAL		182.1		182.1
25	9251	21.1		21.1
TOTAL		21.1		21.1
26	9261	67.5		67.5
TOTAL		67.5		67.5
30	9301	40.9		40.9
TOTAL		40.9		40.9
31	9311	116.1		116.1
TOTAL		116.1		116.1

ROUTE	PROJECT NUMBER 1/	NET PROJECT ROUTE LENGTH		
		RURAL	MUNICIPAL OVER: 5000 Pop	TOTAL
32	9321	60.7	0.8	61.5
	TOTAL	60.7	0.8	61.5
33	9331	99.8		99.8
	9332	68.0		68.0
	9333	103.2		103.2
	TOTAL	271.0		271.0
34	9341	111.5	0.6	112.1
	TOTAL	111.5	0.6	112.1
35	9351	2.5	7.2	9.7
	TOTAL	2.5	7.2	9.7
36	9361	55.6	0.4	56.0
	9362	56.8		56.8
	9363	73.5		73.5
	TOTAL	185.9	0.4	186.3
40	9401	83.4		83.4
	TOTAL	83.4		83.4
41	9411	41.8		41.8
	TOTAL	41.8		41.8
42	9421	55.2		55.2
	TOTAL	55.2		55.2
43	9431	44.8	0.5	45.3
	TOTAL	44.8	0.5	45.3
44	9441	92.4		92.4
	9442	45.7		45.7
	9443	62.6		62.6
	TOTAL	200.7		200.7
45	9451	30.5		30.5
	TOTAL	30.5		30.5
46	9461	104.2		104.2
	TOTAL	104.2		104.2
50	9501	63.5		63.5
	9502	75.7	0.6	76.3
	9503	82.7	1.1	83.8
	TOTAL	221.9	1.7	223.6

ROUTE	PROJECT NUMBER	NET PROJECT ROUTE LENGTH		
		RURAL	MUNICIPAL OVER 5000 Pop.	TOTAL
51	9511	75.4		75.4
	TOTAL	75.4		75.4
52	9521	57.0		57.0
	9522	72.6		72.6
	TOTAL	129.6		129.6
53	9531	91.4		91.4
	TOTAL	91.4		91.4
54	9541	56.2		56.2
	TOTAL	56.2		56.2
55	9551	82.9		82.9
	TOTAL	82.9		82.9
56	9561	80.9		80.9
	TOTAL	80.9		80.9
	GRAND TOTAL	5,707.3	55.2	5,762.5

Total number of routes - - - - - 38
Number of Projects - - - - - 78
Average Length of Project - - - - 74.0 Miles

1/ 8 in the first digit indicates F. A. Inter-State System
9 in the first digit indicates F. A. Primary not on Inter-State System.

Second and third digits indicate route number.

Fourth digit indicates route section number.

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reservation	New Designated Length
Int.1	2	8011	FAP	183	14.012	8.213	
1	2	8011	FHP	8	53.723	19.763	
1	2	8011	FAP	254	17.656	3.272	
1	2	8011	FAP	271	13.399		
1	2	8011	FAP	233	.080		
Total				98.870	31.248		98.9
Int.1	2	8012	FAP	219	8.989		
1	2	8012	City		1.068		
1	2	8012	FAP	231	10.414		
1	2	8012	FAP	29	1.272		
1	2	8012	FAP	141	0.079		
1	2	8012	FAP	206	0.788		
1	2	8012	FAP	131	19.994		
1	2	8012	FAP	92	7.601		
1	2	8012	FAP	184	42.997		
1	2	8012	FAP	263	23.099		
Total				116.301			116.3
Balance of FAP 219 is on 9142							
Int.1	2	8013	FAP	68	.804		
1	2	8013	FAP	70	13.355		
1	2	8013	City		.246		
1	2	8013	FAP	242	.515		
1	2	8013	FAP	207	9.484	2.109	
1	2	8013	County		2.000		
1	2	8013	FAP	159	2.277	2.277	
1	2	8013	FAP	24	3.618	3.517	
1	2	8013	FAP	69	14.976	.757	
1	2	8013	FAP	248	29.433		
Brewery By-Pass Spur		8013	WRS	279	3.892		
Utah-Arizona Ave. Spur		8013	NRM	280	0.828		
Total				81.428	8.660		81.4
Balance of FAP 68 is on 9211							
Int.1	2	8014	FAP	12	3.494		
1	2	8014	FAP	169	4.244		
1	2	8014	FAP	177	6.452		
1	2	8014	FAP	51	0.842		
1	2	8014	FAP	82	8.257		
1	2	8014	FAP	201	3.045		
1	2	8014	FAP	165	0.913		
1	2	8014	FAP	44	5.719		
1	2	8014	FAP	179	.791		
1	2	8014	FAP	222	10.159	.623	

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reservation	New Designated Length
Int.1	2	8014	City	.409			
1	2	8014	FAP 166	3.752			
1	2	8014	FAP 185	11.576			
1	2	8014	FAP 117	34.770			
Total				94.423	.623		94.4
Balance of FAP 12 is on 9232							
Balance of FAP 117 is on 8015 and 9361							
Int.1	2	8015	FAP 117	0.418			
1	2	8015	FAP 127	16.432			
1	2	8015	FAP 125	0.054			
1	2	8015	FAP 133	5.470			
1	2	8015	FAP 123	18.124			
1	2	8015	FAP 109	4.833			
1	2	8015	FAP 170	20.806			
1	2	8015	FAP 57	1.036			
1	2	8015	FAP 228	14.106			
1	2	8015	City	1.143			
1	2	8015	FAP 230	0.976			
Blgs.Spur		8015	City	2.704			
Total				86.102			86.1
Balance of FAP 117 is on 8014 and 9361							
Balance of FAP 230 is on 8016 and 8031							
Int.1	2	8016	FAP 230	0.936			
1	2	8016	FAP 53	32.345			
1	2	8016	FAP 34	.181			
1	2	8016	FAP 160	42.904			
1	2	8016	FAP 114	22.047			
1	2	8016	FAP 15	4.291			
1	2	8016	City	0.710			
Total				103.414			103.4
Balance of FAP 230 is on 8015 and 8031							
Balance of FAP 53 is on 9441							
Int.1	2	8017	City	1.971			
1	2	8017	FAP 135	44.752	*9.272		
1	2	8017	FAP 158	1.315			
Total				48.038	*9.272		48.1
* Fort Keogh Military Reservation							
Balance of FAP 158 is on 8018							

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reserva- tion	New Desig- nated Length
Int.1	17	8018	FAP 158	37.721			
1	17	8018	FAP 130	35.086			
1	17	8018	FAP 7	.924			
Total				73.731			73.7
Balance of FAP 7 is on 8019							
Int.1	15	8019	FAP 7	1.153			
1	15	8019	FAP 213	.321			
1	15	8019	FAP 121	.461			
1	15	8019	City	.015			
1	15	8019	WPMH 199	1.053			
1	15	8019	NRH 6	7.201			
1	15	8019	NRH 234	13.171			
1	15	8019	NRH 1	3.960			
1	15	8019	FAP 61	6.025			
1	15	8019	FAP 35	5.319			
Total				38.679			38.7
GRAND TOTAL				740.986	*49.803		741.9
*9,272 miles in Fort Keogh Military Reservation							
Balance of FAP 7 is on 8018							
Int.2	3	8021	FAP 255	64.325			
2	3	8021	FAP 241	1.064			
2	3	8021	City	.306			
Total				65.695			65.7
Balance of 241 is on 8022 and 9221							
Total	3	8022	FAP 241	58.866			58.9
Balance of FAP 241 is on 8022 and 9221							
Int.2	3	8023	FAP 242	29.900	8.815		
2	3	8023	County	3.225			
2	3	8023	FHP 26	3.035	3.035		
2	3	8023	FAP 178	28.328			
Total				64.488	11.850		64.5
Int.2	3	8024	FAP 214	.995			
2	3	8024	City	1.133			
2	3	8024	FAP 269	35.618			
2	3	8024	ECHP 172	32.068			
2	3	8024	FAP 182	15.809			
2	3	8024	FAP 218	8.911			
Total				94.534			94.5

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reservation	New Designated Length
Int.2	3	8025	FAP 224	.746			
2	3	8025	FAP 54	.724			
2	3	8025	FAP 10	8.812			
2	21	8025	FAP 211	47.974			
2	21	8025	FAP 67	1.737			
2	21	8025	City	.204			
Total				60.197			60.2
Balance of FAP 67 is on 8026							
Balance of FAP 10 is on 9152							
Balance of NRM 224 is on 9153							
Int.2	21	8026	FAP 67	25.739			
2	1	8026	FAP 154	.284			
2	1	8026	NRM 225	.210			
2	21	8026	FAP 243	35.250			
Total				61.483			61.5
GRAND TOTAL				405.263	11.850		405.3
Balance of NRM 225 is on 9105							
Balance of FAP 67 is on 8025							
Balance of FAP 154 is on 9104							
Int.3	16	8031	FAP 212	40.855		40.855	
3	16	8031	FLP 8	.038		.038	
3	16	8031	FAP 188	15.615		15.180	
3	16	8031	City	.506			
3	16	8031	FAP 187	48.397		13.133	
3	16	8031	FAP 230	.047			
Total				105.458		69.206	105.4
Balance of FAP 230 is on 8015 and 8016							
Int.10	1	9101	FHP 1	20.570	19.307		
10	1	9101	FAP 250	15.222	2.674		
10	1	9101	FAP 330	11.199			
10	1	9101	FHP 2	20.560	12.634		
10	1	9101	FAP 58	15.541			
Total				83.092	34.615		83.1
Balance of FAP 58 is on 9102							
F.A.10	1	9102	FAP 58	40.153	2.107		
10	1	9102	FAP 257	17.989			
Total				58.142	2.107		58.1
Balance of FAP 257 is on 9103							
Balance of FAP 58 is on 9101							

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

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REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reserva- tion	New Desig- nated Length
F.A.10	1	9107	FAP 142	30.301			
10	1	9107	FAP 148	20.253			
10	1	9107	FAP 155	20.457			
10	1	9107	FAP 144	15.466		.554	
10	1	9107	FAP 189	15.774		15.774	
10	1	9107	FAP 232	9.499		9.499	
10	1	9107	FAP 84	9.599		9.599	
10	1	9107	FAGH 240	.217		.217	
Total				121.566		35.643	121.6
Balance of FAGH 240 is on 9108							
Balance of FAP 142 is on 9106							
F.A.10	1	9108	FAGH 240	18.592		16.691	
10	1	9108	FAP 240	58.433		32.634	
10	1	9108	City	1.197			
Total				78.222		49.325	78.2
Balance of FAGH 240 is on 9107							
GRAND TOTAL				677.544	*104.234	156.826	677.5
* 3.597 miles in Glacier National Park							
F.A.11	6	9111	FHP 6	67.790	13.767		
11	6	9111	FAP 150	.223			
11	6	9111	County	.067			
11	6	9111	FAP 90	1.352			
11	6	9111	FAP 202	3.890			
11	6	9111	FAP 223	16.088			
11	6	9111	FAP 186	13.996		13.845	
11	6	9111	FAP 88	5.145		5.145	
11	6	9111	FAP 197	8.553		8.553	
Total				117.104	13.767	27.543	117.1
F.A.12	33	9121	City	.426			
12	33	9121	FAP 118	13.943	12.176		
12	33	9121	County	.479			
12	33	9121	FAP 145	16.455	16.455		
12	33	9121	FHP 57	20.692	20.692		
12	33	9121	FAP 137	12.218	.903		
Total				64.213	50.226		64.2
F.A.13	36	9131	FAP 87	42.094	.769	34.632	
13	36	9131	NRFL 3	4.718		4.615	
Hot.Sprgs.Spur		9131	FAP 87	1.995		1.995	
Total				48.807	0.769	41.242	48.8

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

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REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reserva- tion	New Desig- nated Length
F.A.15	24	9152	FAP 267	18.374	4.281		
15	3&24	9152	FHP 10	10.739	1.325		
15	24	9152	FAP 50	27.768			
15	24	9152	County	8.449			
15	24	9152	FAP 176	11.071			
Total				76.401	5.606		76.4
Balance of FAP 176 is on 9251							
Balance of FAP 267 is on 9151							
Balance of FAP 10 is on 8025							
F.A.15	10&11	9153	NRM 224	1.120			
15	11	9153	City	2.732			
15	11	9153	FAP 180	2.144			
15	11	9153	FAP 64	19.707			
15	11	9153	FAP 72	0.368			
15	11	9153	FAP 73	1.061			
15	15	9153	FAP 235	65.136			
Total				92.268			92.3
Balance of NRM 224 is on 8025							
Balance of FAP 73 is on 9363							
Balance of FAP 235 is on 9154							
F.A.15	15	9154	FAP 235	16.449			
15	15	9154	City	0.937			
15	15	9154	FAP 112	0.477			
15	15	9154	FAP 229	29.645			
15	15	9154	FAP 256	0.125			
Lewistown By-Pass		9154	FAP 389	2.900			
Total				50.533			50.6
Balance of FAP 256 is on 9155, 9156 and 9441							
F.A.15	15	9155	FAP 256	99.248			
Total				99.248			99.2
Balance of FAP 256 is on 9154, 9156 and 9441							
F.A.15	15	9156	FAP 256	0.754			
15	15	9156	FAP 247	65.882			
15	15	9156	FAP 246	0.808			
Total				67.444			67.5
Balance of FAP 256 is on 9154, 9155 and 9441							
Balance of FAP 246 is on 9157							

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reservation	New Designated Length
F.A.15	15	9157	FAP 246	46.843			
Total				46.843			46.8
Balance of FAP 246 is on 9156							
F.A.15	20	9158	FAP 245	52.702			
15	20	9158	FAP 325	11.265			
Sidney East Spur	26	9158	FAP 265	7.646			
Total				71.613			71.6
GRAND TOTAL				575.554	6.194		575.6
F.A.16	35	9161	FAP 161	28.429	17.275		
16	35	9161	County	5.241	1.455		
16	35	9161	FHP 16	13.388	13.388		
16	35	9161	FAS 354	7.064			54.1
Total				54.122	32.118		
F.A.20	46	9201	County	53.308	15.750		
20	46	9201	FAP 43	17.003			
20	46	9201	NRS 285	7.768			
Total				78.079	15.750		78.1
F.A.21	19	9211	FAP 68	9.178			
21	19	9211	City	1.261			
21	19	9211	FAP 164	19.008	6.166		
21	19	9211	FHP 17	6.639	6.639		
21	19	9211	NRH 175	3.350			
21	19	9211	ECHP 78	12.041			
21	19	9211	FAP 205	15.050			
21	47	9211	NRS 293	6.187			
Total				72.714	12.805		72.7
Balance of FAP 68 is on 8013							
F.A.22	49	9221	FAP 241	0.365			
22	49	9221	FAP 387	6.513			
22	49	9221	FAP 344	0.097			
22	49	9221	County	20.372			
22	49	9221	City	0.708			
22	29	9221	FAP 281	24.860			
Total				52.915			52.9
Balance of FAP 281 is on 9301							
Balance of FAP 241 is on 8021 and 8022							

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reservation	New Designated Length
F.A.23	8	9231	ECHP 249	32.370			
23	8	9231	FHP 28	10.782	4.340		
23	8	9231	City	.509			
Total				43.661	4.340		43.6
F.A.23	8	9232	FAP 214	.003			
23	8	9232	FAP 77	32.113			
23	8	9232	FAP 204	30.539			
23	8	9232	FAP 30	.100			
23	8	9232	FAP 12	1.410			
Total				64.165			64.2
GRAND TOTAL				107.826	4.340		107.8
Balance of FAP 12 is on 8014							
F.A.24	3	9241	FAP 65	33.180			
24	3	9241	City	.434			
24	3	9241	FAP 136	13.220			
24	3	9241	FAP 151	13.237			
24	3	9241	FAP 236	17.133		.036	
24	3	9241	FAP 190	25.742		25.742	
Total				102.946		25.778	102.9
F.A.24	1	9242	FAP 196	11.436		11.436	
24	1	9242	FAP 226	2.247		2.247	
24	3	9242	FAP 227	22.714		22.714	
24	3	9242	FAP 210	6.060		6.060	
24	3	9242	FAP 208	10.566		10.566	
Gl.Park Spur	1	9242	FAP 13	.030		.030	
Gl.Park Spur	1	9242	FHP 226	11.850		11.850	
Babb West Spur	39	9242	NRH 276	2.264		2.264	
Babb West Spur	39	9242	FLP 4	12.017	*3.531	8.486	
Total				79.184	*3.531	75.653	79.2
Balance of FHP 13 is on 9103							
Balance of FAP 196 is on 9103 and 9104							
* 3.531 miles is in Glacier National Park							
G GRAND TOTAL				182.130	*3.531	101.431	182.1

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reservation	New Designated Length
F.A.25	24	9251	NRH 176	21.053			
Total				21.053			21.1
Balance of FAP 176 is on 9152							
F.A.26	9	9261	FAP 238	41.324			
26	9	9261	NRH 176	1.336			
26	9	9261	FAP 275	24.831			
26	9	9261	City	.029			
Total				67.520			67.5
F.A.30	29	9301	FAP 244	.077			
30	29	9301	County	3.949			
30	29	9301	FAP 9	9.875			
30	29	9301	FAP 281	26.958			
Total				40.859			40.9
Balance of FAP 281 is on 9221							
Balance of FAP 244 is on 9311							
F.A.31	12	9311	FHP 46	8.732	8.732		
31	12	9311	County	0.679			
31	13	9311	FHP 45	29.087	28.899		
31	13	9311	FAP 244	42.400			
31	13	9311	FAP 171	34.845			
W. Yellow-stone Spur		9311	County	.365			
Total				116.108	37.631		116.1
Balance of FAP 244 is on 9301							
F.A.32	50	9321	FHP 42	42.271	38.549		
32	50	9321	County	.218	.199		
32	50	9321	FAP 76	5.656			
32	50	9321	NRS 209	6.029			
32	50	9321	NRS 203	6.466			
32	50	9321	City	.841			
Total				61.481	38.748		61.5
F.A.33	14	9331	FAP 264	24.021			
33	14	9331	FHP 31	9.443	9.300		
33	11	9331	FAP 239	10.174			
33	14&11	9331	FAP 8	56.013			
33	14	9331	FAP 115	.111			
Total				99.762	9.300		99.8
Balance of FAP 115 is on 9332							
Balance of FAP 239 is on 9362							

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reserva- tion	New Desig- nated Length
F.A.33	14	9332	FAP 115	31.043			
33	14	9332	FAP 268	36.993			
Total				68.036			68.0
Balance of FAP 115 is on 9331							
F.A.33	14	9333	FAP 33	.969			
33	14	9333	FAP 91	.672			
33	14	9333	City	.617			
33	14	9333	FAP 328	95.656			
33	14	9333	County	5.328			
Total				103.242			103.2
Balance of FAP 33 is on 9441							
GRAND TOTAL				271.040	9.300		271.0
F.A.34	40	9341	NRM 278	2.028			
34	10	9341	FAP 149	37.434			
34	10	9341	NRH 252	70.346			
34	10	9341	County	2.270			
Total				112.078			112.1
Balance of FAP 149 is on 9351							
F.A.35	41	9351	NRM 277	6.704			
35	10	9351	FAP 149	.569			
35	10	9351	County	.214			
Park Drive	10	9351	City	.612			
Park Drive	10	9351	FAP 149	.179			
Sun River Spur		9351	FHP 388	1.461			
Total				9.739			9.7
Balance of FAP 149 is on 9341							
F.A.36	11	9361	FAP 217	29.869	7.485		
36	11	9361	FHP 43	9.168	7.071		
36	11	9361	FAP 59	5.347			
36	11	9361	FAP 105	6.949			
36	11	9361	FAP 14	.051			
36	11	9361	FAP 13	4.323			
36	11	9361	State	.242			
36	11	9361	FAP 117	.062			
Total				56.011	14.556		56.0
Balance of FAP 117 is on 8014 and 8015							

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reserva- tion	New Desig- nated Length
F.A.36	11	9362	County	1.704			
36	11	9362	FAP 60	21.410			
36	11	9362	FAP 239	33.700			
Total				56.814			56.8
Balance of FAP 239 is on 9331							
F.A.36	11	9363	FAP 94	16.245	5.624		
36	11	9363	FHP 32	46.126	36.043		
36	11	9363	NRM 326	.934	.934		
36	11	9363	FAP 216	.550			
36	11	9363	FAP 73	9.588			
Total				73.443	42.601		73.5
Balance of FAP 73 is on 9153							
GRAND TOTAL				186.268	57.157		186.3
F.A.40	45	9401	NRS 283	6.231			
40	45	9401	WPSO 365	2.896			
40	45	9401	FAP 45	24.213			
40	45	9401	NRS 292	10.601			
40	45	9401	County	19.102			
40	45	9401	FAP 119	20.357			
Total				83.400			83.4
F.A.41	28	9411	FHP 59	4.239	4.239		
41	28	9411	ECHP 272	5.122			
41	28	9411	City	.479			
41	28	9411	FAP 106	31.926			
Total				41.766	4.239		41.8
F.A.42	4	9421	FAP 258	25.787			
42	4	9421	FAP 107	17.161			
42	4	9421	County	2.250			
42	4	9421	FAP 4	6.054			
42	4	9421	FAP 134	3.365			
42	4	9421	State	.535			
Total				55.152			55.2
F.A.43	43	9431	City	.537			
43	43	9431	FAP 103	44.741			
Total				45.278			45.3

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reservation	New Designated Length
F.A. 44	16	9441	FAP 53	.640			
44	16	9441	FAP 108	42.019			
44	16	9441	FAP 33	3.206			
44	16	9441	FAP 91	.512			
44	16	9441	ECHP 138	21.113			
44	16	9441	ECHP 28	7.332			
44	16	9441	ECHP 27	10.759			
44	16	9441	FAP 26	6.644			
44	16	9441	FAP 256	.125			
Total				92.350			92.4
Balance of FAP 91 is on 9333							
Balance of FAP 33 is on 9333							
Balance of FAP 256 is on 9154, 9155 and 9156							
Balance of FAP 53 is on 8016							
F.A. 44	16	9442	County	40.000			
44	16	9442	FAP 333	5.682			
Total				45.682			45.7
Balance of FAP 333 is on 9443							
F.A. 44	16	9443	County	29.400		3.400	
44	16	9443	FAP 333	32.830			
44	16	9443	City	.407			
Total				62.637		3.400	62.6
Balance of FAP 333 on 9442							
GRAND TOTAL				200.669		3.400	200.7
F.A. 45	48	9451	City	.505			
45	48	9451	County	18.863			
45	48	9451	WPSS 5	.988			
45	48	9451	FHP 46	10.146			
Total				30.502			30.5
F.A. 46	37	9461	FAP 334	46.194		27.153	
46	37	9461	FLP 6	20.223		20.223	
46	37	9461	County	16.988		14.463	
46	37	9461	FHP 53	20.812	14.927		
Total				104.217	14.927	61.839	104.2
F.A. 50	23	9501	FAP 262	60.577			
50	23	9501	FAP 198	2.908			
Total				63.485			63.5
Balance of FAP 198 is on 9502							

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

New Route No.	Old Route No.	New Federal Project No.	Old Project No.	Route Length	National Forest	Indian Reservation	New Designated Length
F.A. 50	23	9502	FAP 198	11.908			
50	23	9502	FAP 156	59.333			
50	23	9502	FAP 18	4.602			
50	23	9502	City	.485			
Total				76.328			76.3
Balance of FAP 198 is on 9501							
F.A. 50	18	9503	City	1.075			
50	18	9503	County	.183			
50	18	9503	FAP 157	82.574			
Total				83.832			83.8
GRAND TOTAL				223.645			223.6
F.A. 51	42	9511	County	57.200			
51	42	9511	NRH 315	18.205			
Total				75.405			75.4
F.A. 51	25	9521	FAP 253	46.901		0.412	
51	32	9521	FLP 1	4.115		4.115	
Wolf Pt. Spur	25	9521	FAP 253	4.345		4.345	
Wolf Pt. Spur	25	9521	FAP 84	1.585		1.585	
Wolf Pt. Spur	25	9521	State	0.034		0.034	
Total				56.980		10.491	57.0
Balance of FLP 1A is on 9522							
Balance of NRH 251 is on 9541							
F.A. 52	32	9522	FLP 1	14.806		14.806	
52	32	9522	ECHP 266	32.386		20.960	
52	32	9522	NRH 251	11.583			
52	32	9522	NRH 274	13.806			
Total				72.581		35.766	72.6
Balance of FLP 1A is on 9521							
GRAND TOTAL				129.561		46.257	129.6
F.A. 53	2	9531	FAP 86	91.434			
Total				91.434			91.4
F.A. 54	22	9541	NRH 251	29.903			
54	22	9541	ECHP 193	2.090			
54	30	9541	FAP 382	24.213			
Total				56.206			56.2
Balance of ECHP 193 is on 9551							
Balance of NRH 251 is on 9522							

REDESIGNATION OF FEDERAL AID ROUTES AND PROJECTS
CROSS REFERENCE OF ROUTES AND PROJECTS

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PROJECT SECTION SPLITS

Old Project No. & Sec.		New Project No.	Miles On New Project	New Project No.	Miles On New Project	New Project No.	Miles On New Project
FAP	219 B	8012	0.501	9142	4.036	9221	0.365
FAP	68 C	8013	0.804	9211	0.619		
FAP	12 A	8014	0.679	9232	1.410		
FAP	117 C	8014	1.117	9361	0.062		
FAP	117 D	8014	0.302	8015	0.418		
FAP	230 A	8015	0.361	8031	0.047		
FAP	53 A	8016	20.745	9441	0.640		
FAP	158 A	8017	1.315	8018	7.446		
FAP	7	8018	0.924	8019	1.153		
FAP	241 D	8021	0.340	8022	12.433		
FAP	67 A	8025	1.737	8026	25.526		
FAP	10	8025	8.812	9152	9.414		
NRM	224	8025	0.746	9153	1.120		
NRM	225	8026	0.210	9105	0.523		
FAP	58 J	9101	0.079	9102	5.279		
FAP	257 C	9102	11.587	9103	2.000		
FAP	196 B	9103	2.272	9242	11.436		
FHP	13 A	9103	3.501	9242	.030		
FAP	154 A	9104	6.210	8026	0.284		
FAP	95 B	9105	8.172	9106	1.921		
FAGM	240 D	9107	0.217	9108	0.123		
NRM	270 C	9142	0.246	9143	0.169		
FAP	267 D	9151	3.855	9152	4.612	9441	0.125
FAP	176 A	9152	11.018	9251	1.150		
FAP	73	9153	1.061	9363	9.588		
FAP	235 F	9153	10.650	9154	2.016		
FAP	256 C	9154	9.452	9155	8.953		
FAP	246 C	9156	.808	9157	17.355		
FAP	281 D	9221	2.673	9301	8.583		
FAP	244 D	9301	0.077	9311	2.063		
FAP	115 D	9331	0.111	9332	0.406		
WPGH	33	9333	0.135	9441	0.357		
FAP	239 F	9331	8.182	9362	1.576		
FAP	91 B	9333	0.277	9441	0.512		
FAP	149 A	9341	0.983	9351	0.183		
FAP	333	9442	0.000	9443	0.000		
FAP	198 A	9502	3.511	9501	2.908		
FLP	1 A	9521	4.115	9522	10.536		
NRH	251 B	9522	3.803	9541	6.458		
ECHP	193 D	9541	1.216	9551	9.808		

